The Electric Alternative to Propane & Kerosene Space Heaters

- Heater housing has a safety yellow textured powder coated finish and includes protective black finish guards on both air intake and output openings
- Long-life finned tubular heating elements, high-limit thermal cutout switch with automatic reset
- Control knob allows for fan only operation and thermostat adjustment from 40° to 100° F
- Fan-forced electric heaters generate 800 to as much as 2500-CFM's
- 9-30kW units features a built-in rotating stop allowing housing adjustments for up to 90° from center axis
- Includes access panel for direct wiring connections
- 10" industrial heavy duty wheels and handle for easy portability over all surface types
- 45-60kW units include two front locking casters and lifting handles for easy portability
- 9kW & 10kW units include a factory 10' long pre-wired cable and straight blade range plug; optional cord for all other models
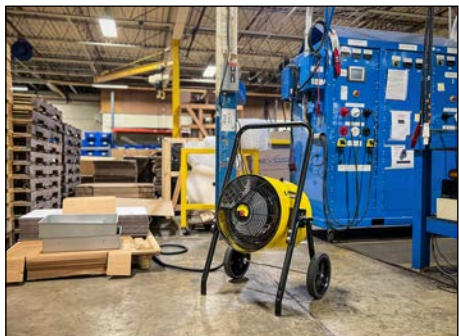- ETL Listed for USA & Canada

Application Solutions

- Provides temporary climate control for interior jobsite heating
- Drywall & building contractors – assist in drying applications
- Best indoor electric heating product over propane or fossil fuel units
- Safe operating unit – operate unit overnight to elevate temperature
- Can be operated unattended without anytime wasted for refueling
- Clean, quiet & safe electric fan-forced heater

15kW

30kW

45/60kW

FES 10kW:
50-Amp plug
NEMA 14-50P
(4-Wire)

★PROUDLY★
DESIGNED
ENGINEERED
TESTED
ASSEMBLED
IN THE USA

9/10kW
Note: FES09 uses 3-wire 40amp plug

Sizing FES Models

KW SIZE	TEMP RISE	VOLTAGE	PHASE	MAX. SQ. FT.*	MAX. CEILING HEIGHT
Sizing Chart Portable Electric Salamander Heaters					
9 kW	25°	240V	1	600 up to 900	12'
10 kW	30°	240V	1	750 up to 1000	15'
15 kW	45°	208, 240, 480V	1 or 3	1000 up to 1500	15'
30 kW	45°	480, 575V	1	1500 up to 2000	18'
45 kW	70°	480, 575V	3	2000 up to 2400	24'
60 kW	74°	480, 575V	3	2400 up to 3600	24'

*Based on using one single unit

What to know when selecting the correct FES Heater:

1. Determine your operating voltage and electrical phase for your job site.
2. Calculate the square footage of the area to heat (Length x Width)
3. Measure the maximum ceiling height for your area.
4. Know you must have insulation and at least 10-watts/sq.ft. to effectively heat your area. The higher your ceiling the higher watts/sq.ft. needed.
5. Temperature rise is calculated by taking the room temperature then adding the temp rise (see chart); room temp + temp rise = discharge temp

Standard FES Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	KW	BTUs	VOLTS	PH	AMPS	TEMP RISE	CFM	SO TYPE*	WT. (LBS)	LIST
08744302	FES-0924-1C	9	30717	240	1	38	25°F	800	**	55	2507
08860010	FES-1024-1CA	10	34130	240	1	42	30°F	800	**	60	2507
08860110	FES-1520-3A	15	51195	208	3	42	45°F	800	6/4	65	2634
08860710	FES-1524-1A	15	51195	240	1	63	45°F	800	4/3	69	2634
08860210	FES-1524-3E	15	51195	240	3	36	45°F	800	6/4	65	2634
08860310	FES-1548-3E	15	51195	480	3	18	45°F	800	12/4	65	2634
08860410	FES-1560-3A	15	51195	600	3	15	45°F	800	12/4	65	2634
08860510	FES-3048-3A	30	102390	480	3	36	90°F	1100	6/4	83	4152
08860610	FES-3060-3A	30	102390	600	3	29	90°F	1100	6/4	65	4359
08722202	FES-4548-3	45	153585	480	3	55.4	70°F	2200	4/4	198	6864
04874002	FES-4557-3	45	153585	575	3	46.2	70°F	2200	4/4	198	7214
04915302	FES-6048-3	60	204780	480	3	73.5	74°F	2500	2/4	225	7590
04915402	FES-6057-3	60	204780	575	3	61.3	74°F	2500	4/4	225	8083

**9 & 10 KW, 240V, 1Phase factory pre-wired model with 10 ft. cable & straight blade range plug

OPTIONAL 25' POWER CORD*

MFG CATALOG NUMBER	MFG MODEL NUMBER	FOR USE WITH FES MODEL	AMP RATING	LIST
03164001	SO 6/4	FES-1520-3A FES-1524-3E FES-3048-3A FES-3060-3A	45	495
08805300	SO 4/3	FES-1524-1A	70	428
03164201	SO 12/4	FES-1548-3E FES-1560-3A	20	238
03164301	SO 4/4	FES-4548-3 FES-4557-3 FES-6057-3	60	502
04917302	SO 2/4	FES-6048-3	80	561

Optional SO TYPE Power Cords

- All power cords are 25' long with SO oil resistant cable jacket
- Includes either 3 or 4 conductors
- Cable connectors included
- Plug NOT included
- Made in U.S.A.

⚠WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

YES Series Wall or Ceiling Models

- Same housing design & features used on all FES Series Heaters
- Includes steel mounting bracket with textured black powder coated finish allows for either wall or ceiling mount configurations
- Unit is ready for direct wiring
- Thermostat adjustment 40° to 100° F
- Made in U.S.A.

Wall Mounted

Ceiling Mounted

MFG CATALOG NUMBER	MFG MODEL NUMBER	KW	BTUs	VOLTS	PHASE	AMPS	TEMP RISE	WT. (LBS)	LIST
08860810	YES-1520-3A	15	51195	208	3	42	45°F	60	2507
08861810	YES-1524-1A	15	51195	240	1	63	45°F	60	2507
08860910	YES-1524-3E	15	51195	240	3	36	45°F	60	2507
08861010	YES-1548-3E	15	51195	480	3	18	45°F	60	2507
08861210	YES-3048-3A	30	102390	480	3	36	90°F	72	3953
08861310	YES-3060-3A	30	102390	600	3	29	90°F	72	4162

ETL LISTED Intertek

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